

Figure 1. High-level overview of the video analysis framework

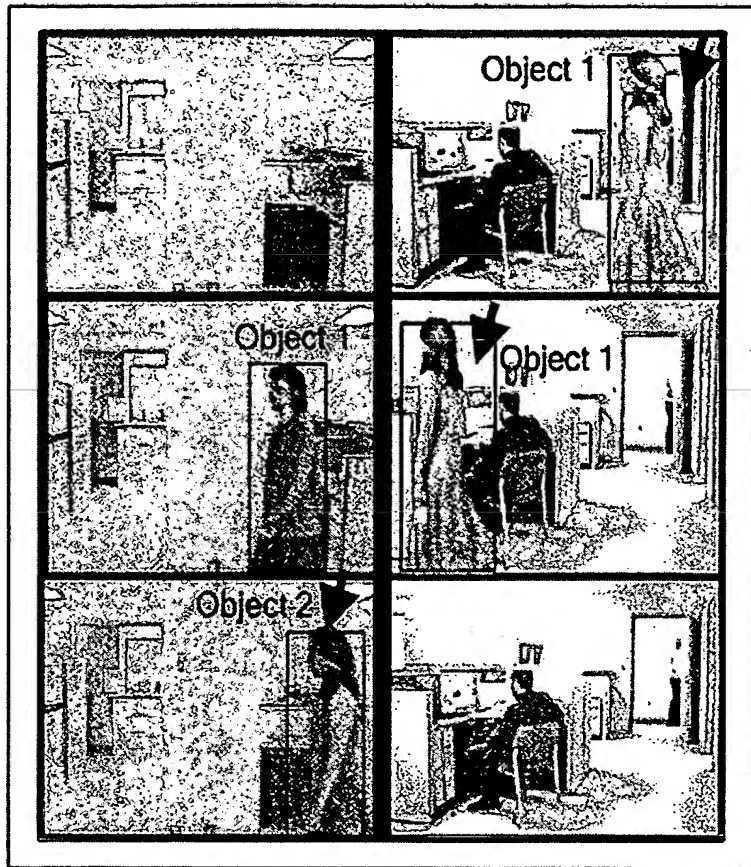


Figure2. Tracks of Object 1 in Clip 1 and Object 2 in Clip 2 are associated

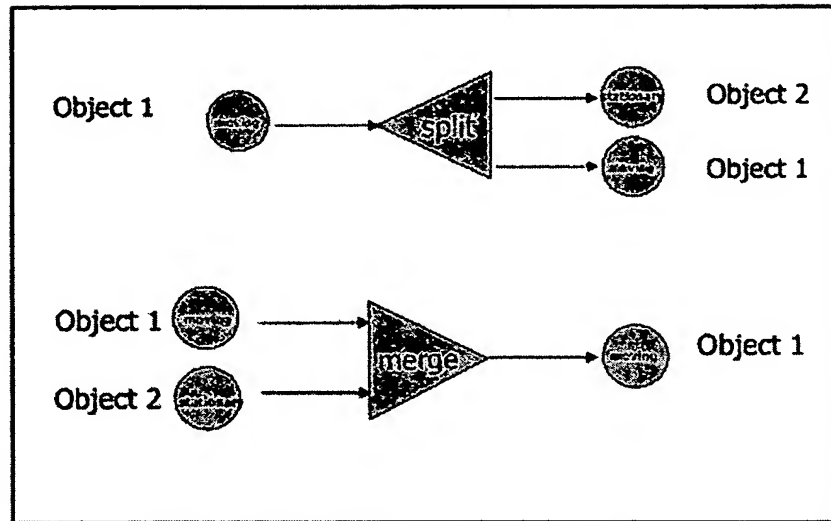


Figure 3. Graph representations for split and merge behaviors

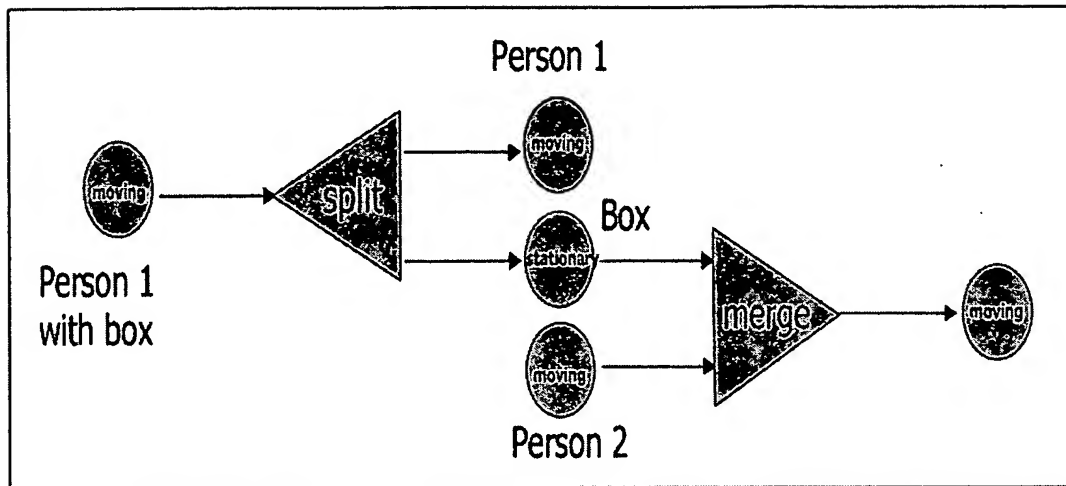


Figure 4. Graph representation of a “box exchange” event as a split and merge compound

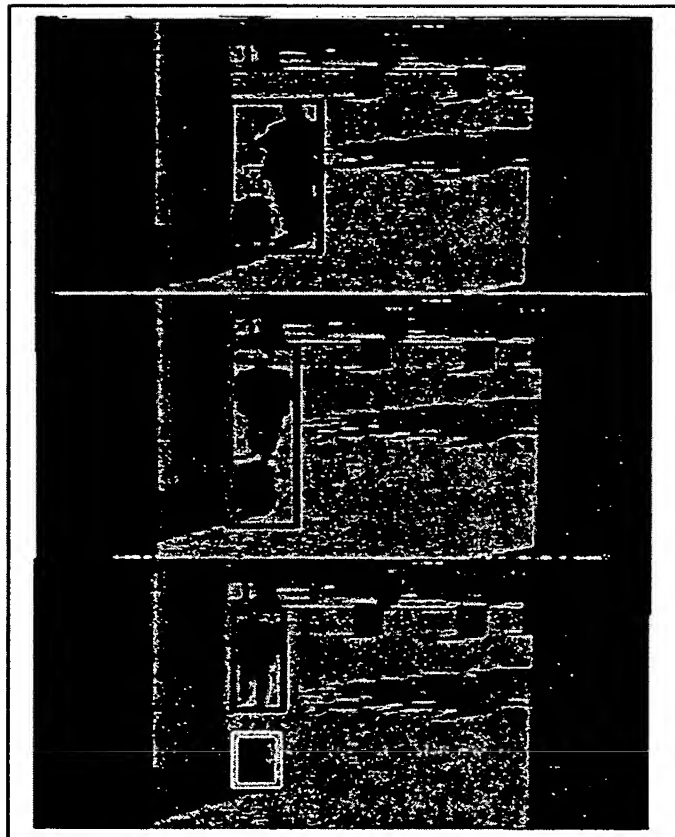


Figure 5. An example of a split event

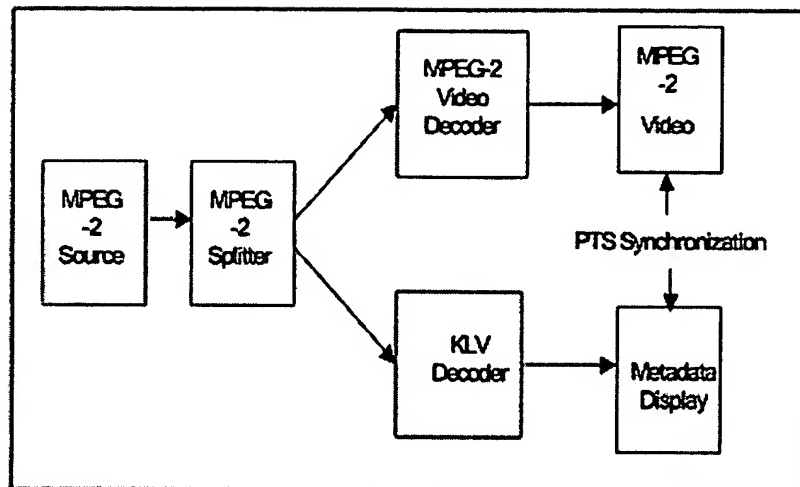


Figure 6. Synchronizing MPEG-2 Video and KLV metadata with Presentation Time Stamps

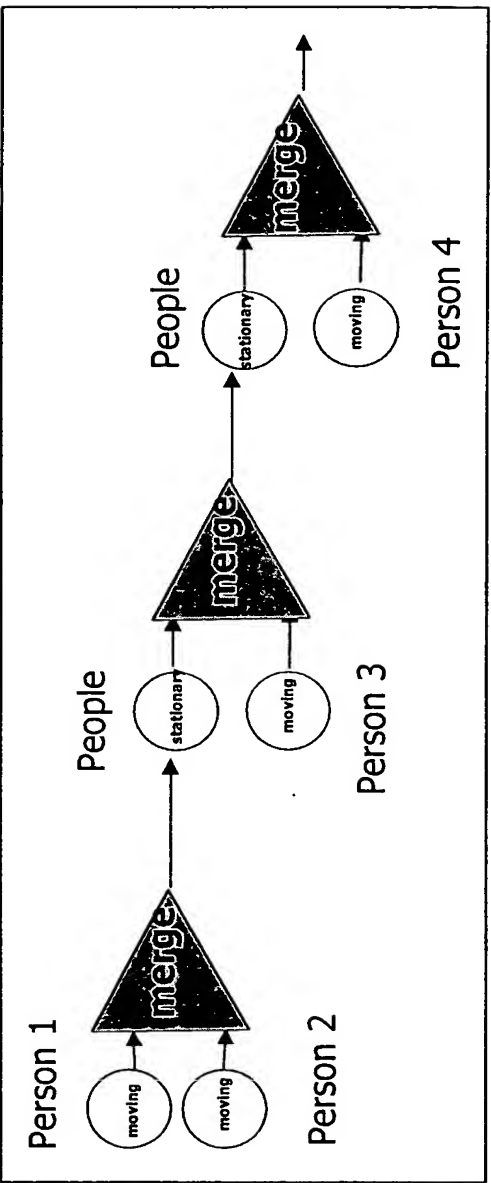


Figure 7

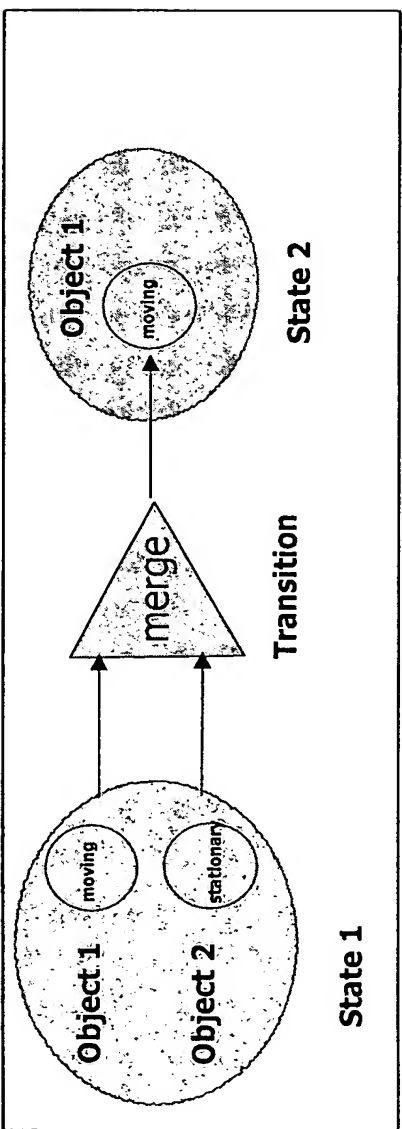


Figure 8

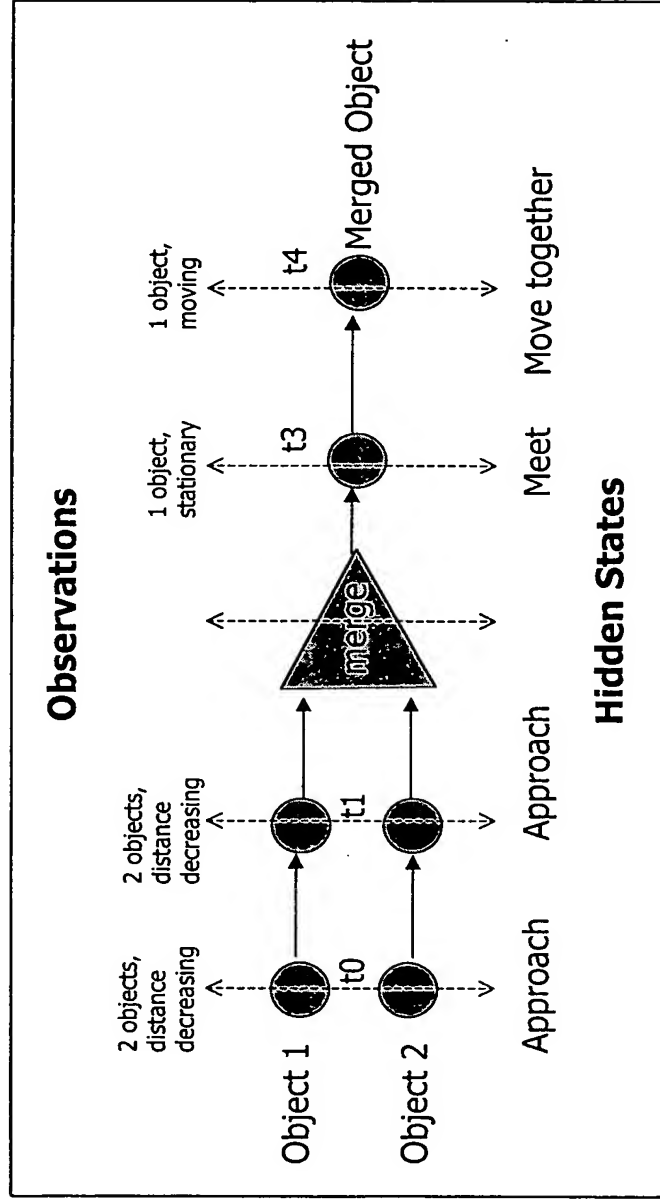


Figure 9

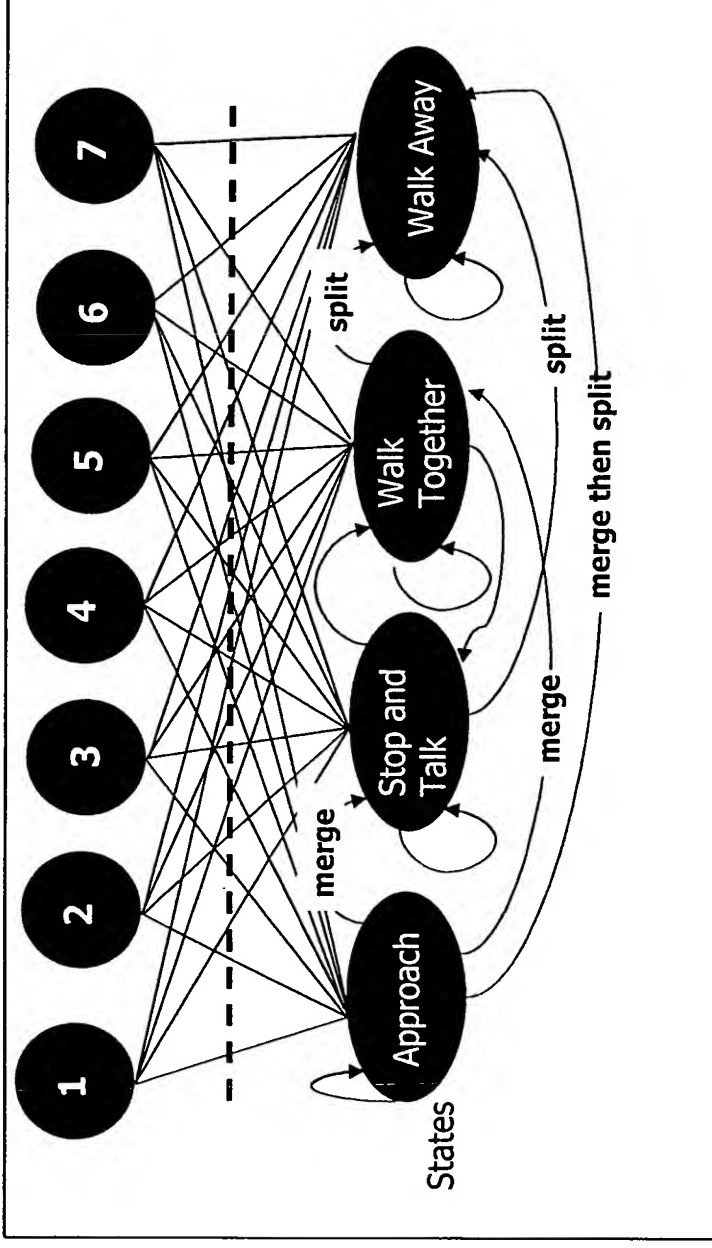


Figure 10

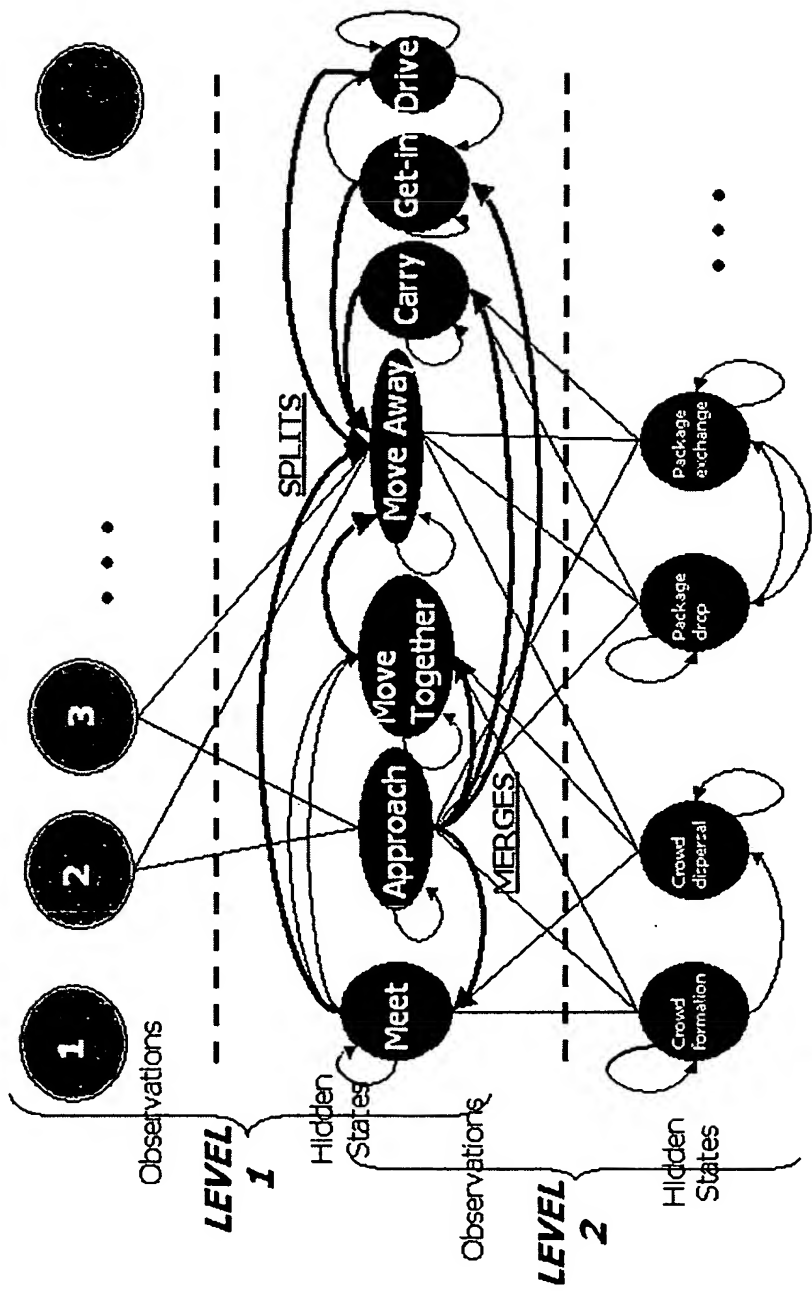


Figure 11